

Laucks⁸¹_{years}

Testing Laboratories, Inc.

940 South Harney St., Seattle, WA 98108 (206) 767-5060 FAX 767-5063

Certificate

Chemistry, Microbiology, and Technical Services

CLIENT: Alaskan Copper Works
P.O. Box 3546
Seattle, WA 98124
ATTN: Jim Brown

LABORATORY NO. 13890

DATE: Jan. 13, 1989

PO #M8290-3

REPORT ON: LIQUID

SAMPLE

IDENTIFICATION: Submitted 12/30/88 and identified as shown:

- 1) 12-1-3200-M8291
- 2) 12-6-3200-M8291
- 3) 12-8-3200-M8291
- 4) 12-13-3200-M8291
- 5) 12-15-3200-M8291
- 6) 12-20-3200-M8291
- 7) 12-22-3200-M8291
- 8) 12-27-3200-M8291
- 9) 12-29-3200-M8291
- 10) 12-29-3600-M8293
- 11) 12-29-3600-M8290
- 12) 12-29-3200-M8292

parts per million (mg/L)

	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>
Chromium	2.1	1.6	1.4	0.86	0.88
Copper	0.46	1.0	0.46	0.27	0.34
Nickel	1.4	1.1	0.96	0.63	0.60
Zinc	0.090	0.12	0.068	0.061	0.057



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AKC-0015256

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Alaskan Copper Works

LABORATORY NO. 13890

	<u>parts per million (mg/L)</u>				
	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>
Chromium	0.58	1.0	3.8	1.0	0.66
Copper	0.29	0.46	1.2	0.53	0.30
Nickel	0.39	0.68	3.0	0.76	0.63
Zinc	0.071	0.11	0.25	0.12	1.2

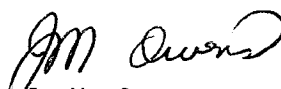
	<u>11</u>	<u>12</u>
Specific Gravity @ 25°C	1.196	1.006
Total Acidity, calculated as % HNO ₃ (methyl orange end point)	4.3	1.4

Key

< = less than

Respectfully submitted,

Laucks Testing Laboratories, Inc.


J. M. Owens

JMO:veg



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